

CLAIMS:

1. A mold cleaning material of sheet form having an upper side and a lower side and comprising at least two base sheets and a cleaning member enclosed between the two base sheets, wherein the base sheet on the upper side or the outermost layer of the upper side is a fibrous sheet having a porosity of 70% or more, and the base sheet on the lower side is at least one of a fibrous sheet having a porosity of 40% or less and a heat-resistant film.
5
2. The mold cleaning material according to claim 1, further comprising a molding member enclosed between the two base sheets.
- 10 3. The mold cleaning material according to claim 2, wherein the molding member is at least one of unvulcanized synthetic rubber and unvulcanized natural rubber.
4. The mold cleaning material according to any one of claims 1 to 3, which is for cleaning a mold for single-side encapsulation of a substrate.
- 15 5. The mold cleaning material according to any one of claims 1 to 4, wherein the cleaning member has at least one of a tablet form, a granular form, a powder form, a plate form, and a sheet form.
6. The mold cleaning material according to any one of claims 1 to 5, wherein a thermoplastic resin film or tape is applied to at least a part of the surface of at least one of the mold cleaning materials, and the cleaning member or a combination of the cleaning member and the molding member is enclosed by heat sealing the at least two mold cleaning materials via the thermoplastic resin film or tape or by coating and laminating the at least two mold cleaning materials with the thermoplastic resin film or tape.
20
- 25 7. The mold cleaning material according to any one of claims 1 to 5, wherein the cleaning member or a combination of the cleaning member and the molding member is enclosed by partly adhering the at least two mold cleaning materials with at least one of a double-sided tape, an adhesive, and a pressure sensitive adhesive.
8. The mold cleaning material according to any one of claims 1 to 5, wherein the cleaning member or a combination of the cleaning member and the molding member is enclosed by partly adhering the at least two base sheets by pressing or deforming the at least two base sheets.
30

9. A method of cleaning a mold comprising the steps of inserting the mold cleaning material according to any one of claims 1 to 8 between two halves of a heated mold, applying heat and pressure to the mold cleaning material for a predetermined time to cure the cleaning member, and removing the cleaning material from the mold.